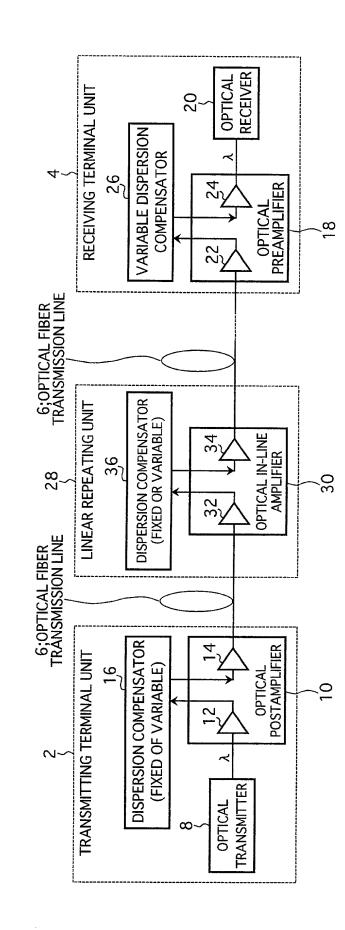
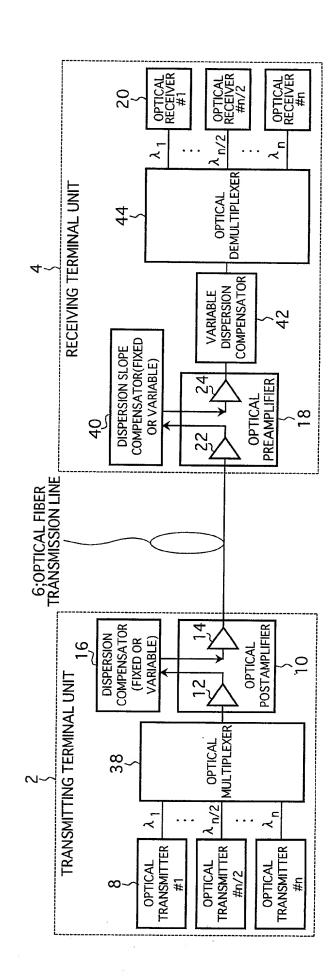


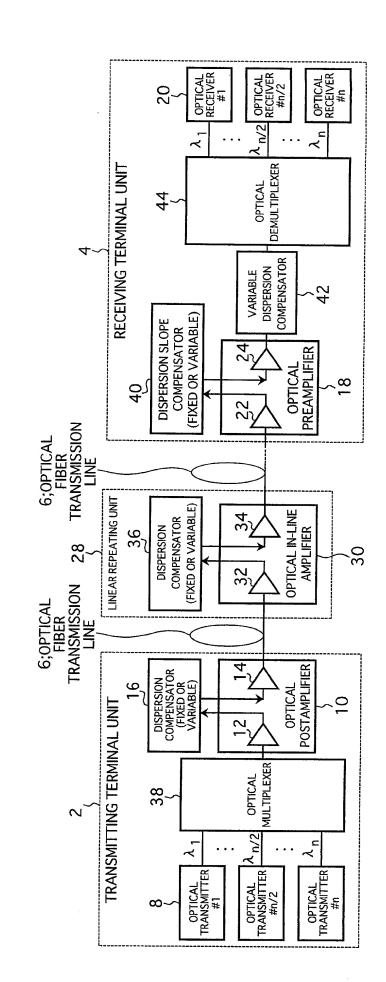
F - G. 2

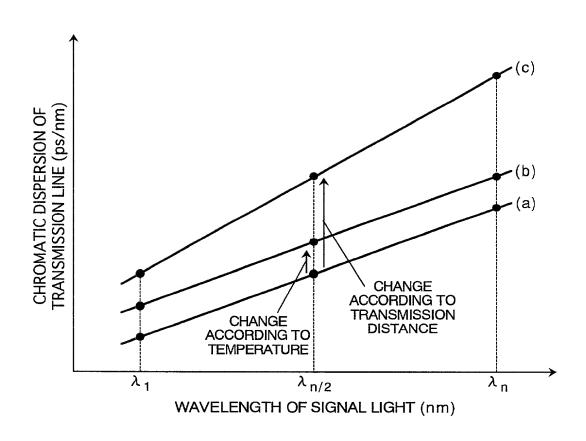


F | G. 3

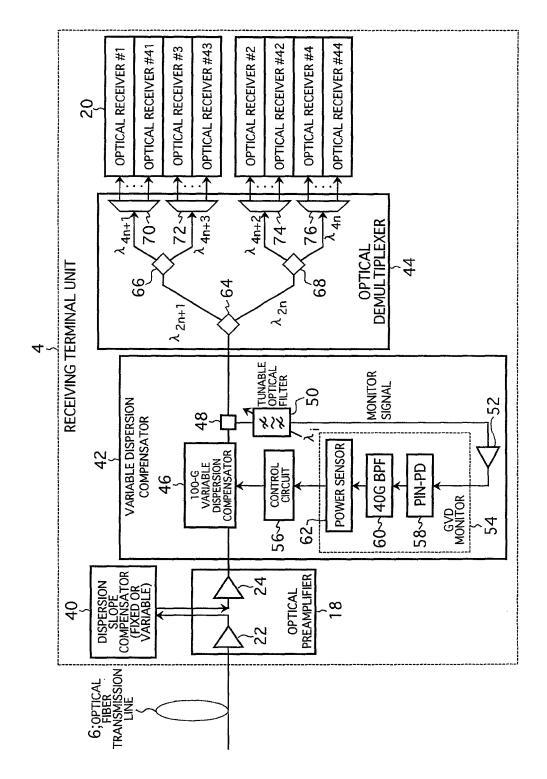


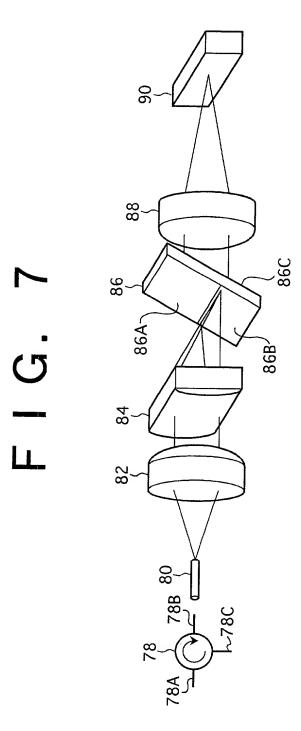
F - G. 4

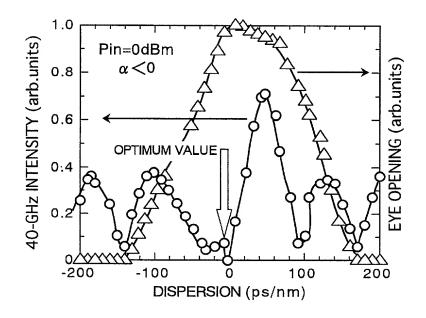


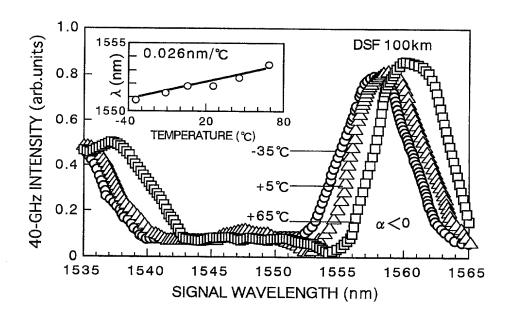


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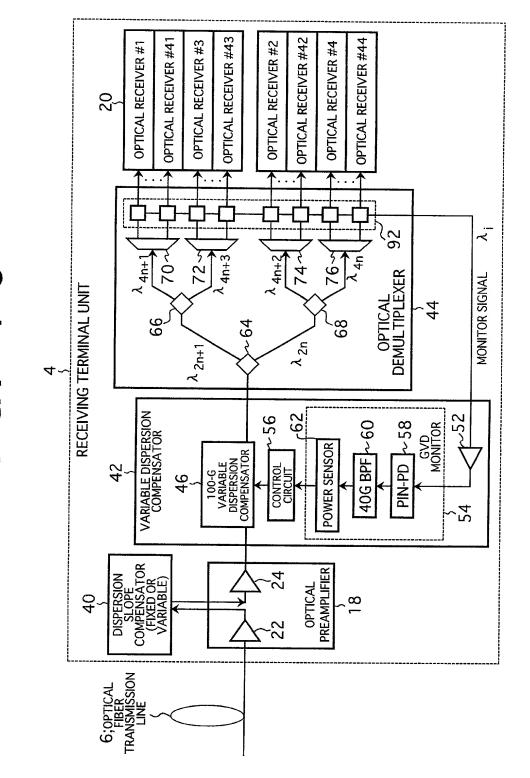




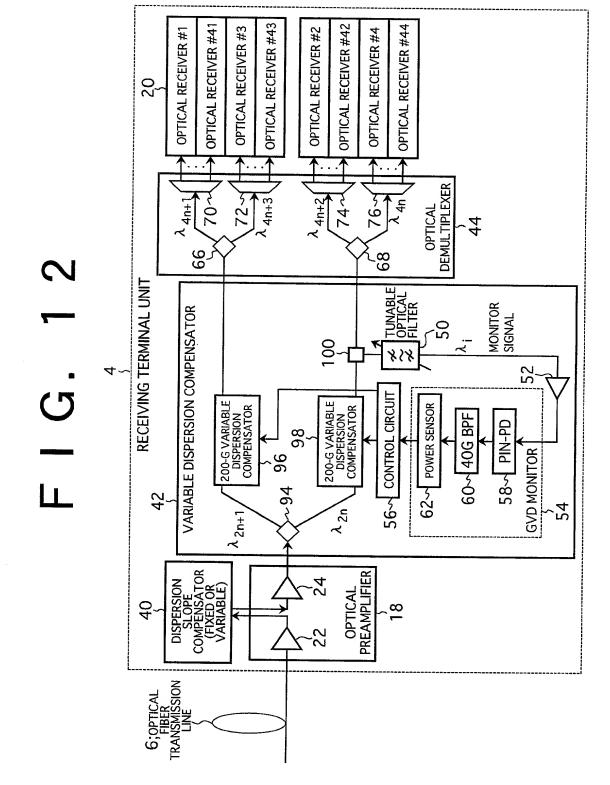


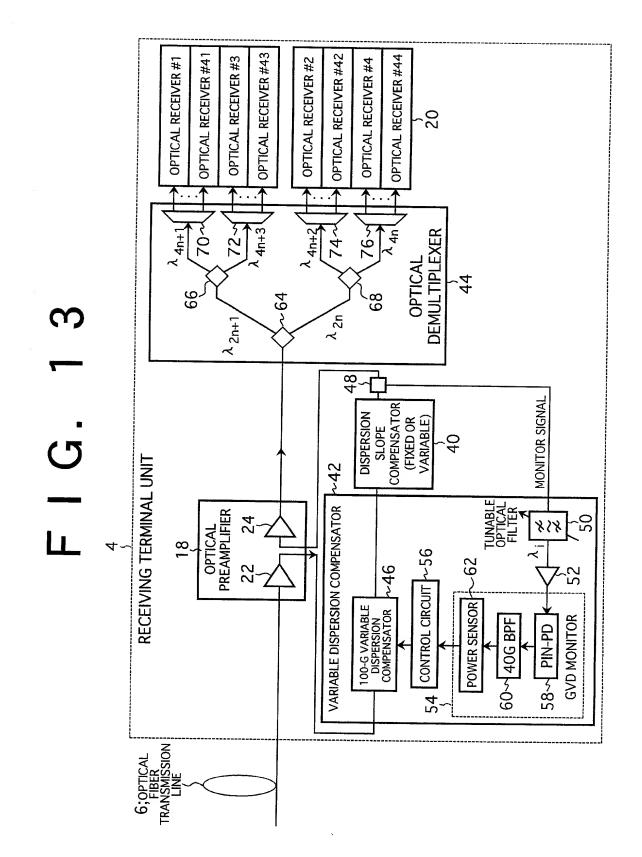


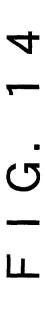
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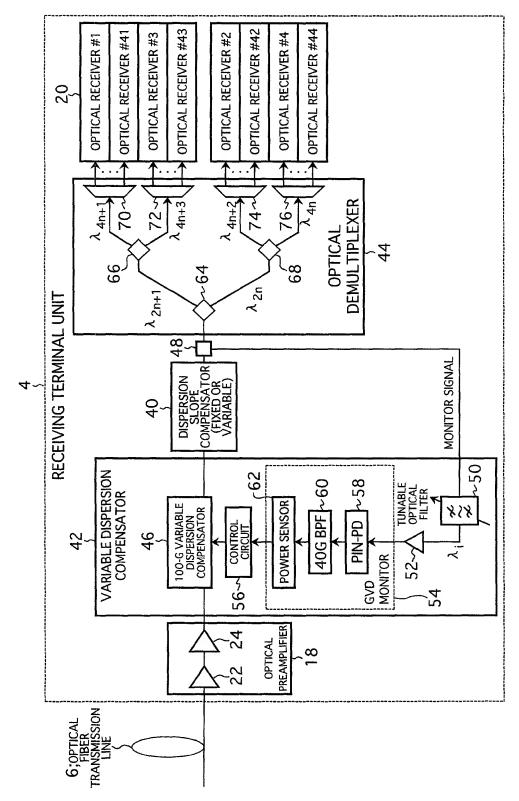


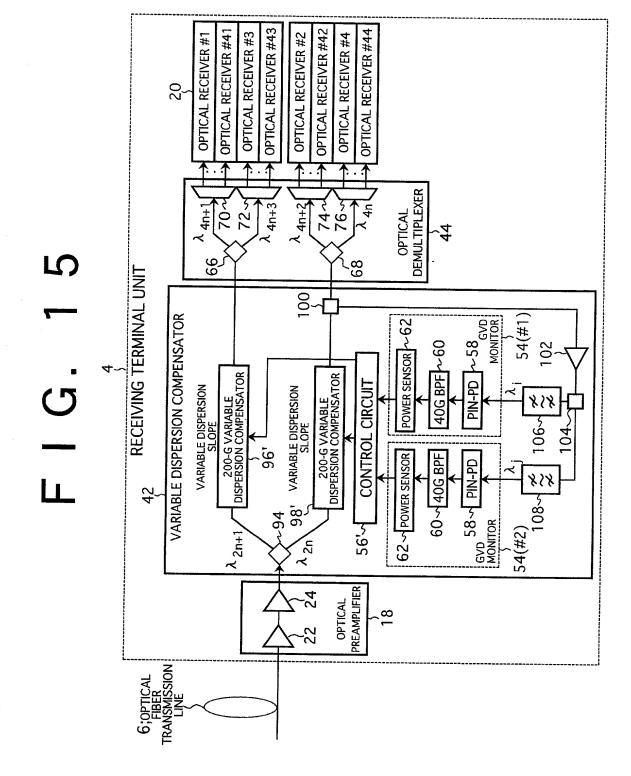
→ OPTICAL RECEIVER #43 → OPTICAL RECEIVER #42 → OPTICAL RECEIVER #44 → OPTICAL RECEIVER #41 → OPTICAL RECEIVER #3 → OPTICAL RECEIVER #2 → OPTICAL RECEIVER #4 → OPTICAL RECEIVER #1 OPTICAL DEMULTIPLEXER 7 4n+1 A 4n+2 MONITOR SIGNAL RECEIVING TERMINAL UNIT λ_{2n} (1 2n+1/ VARIABLE DISPERSION COMPENSATOR 100-G VARIABLE DISPERSION COMPENSATOR CONTROL 46 42 DISPERSION SLOPE COMPENSATOR (FIXED OR VARIABLE) OPTICAL PREAMPLIFIER 3 6;OPTICAL FIBER TRANSMISSION LINE

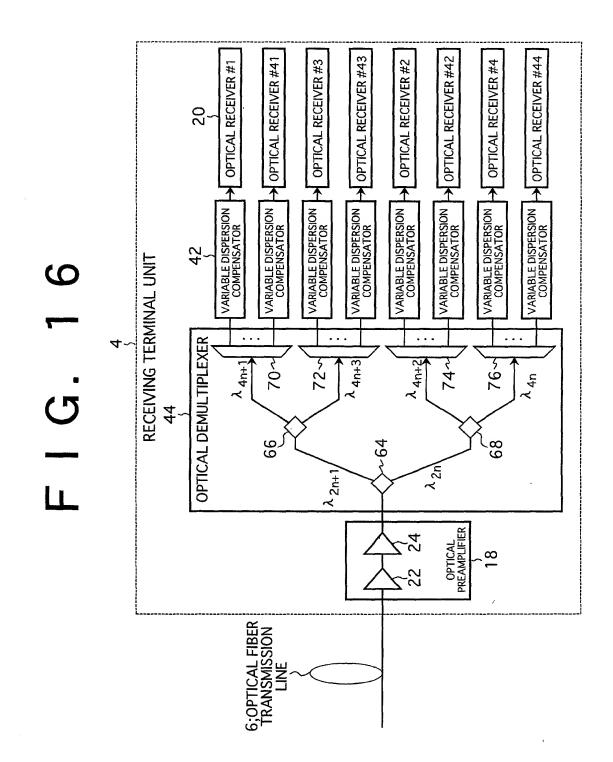


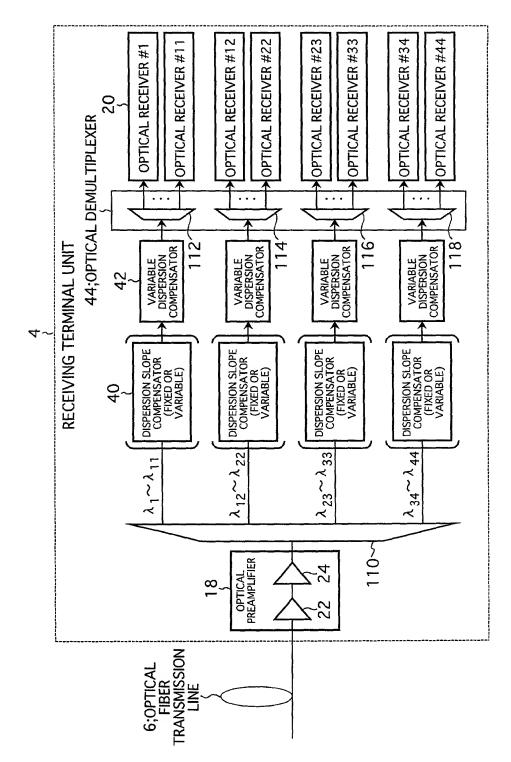












F G. 18

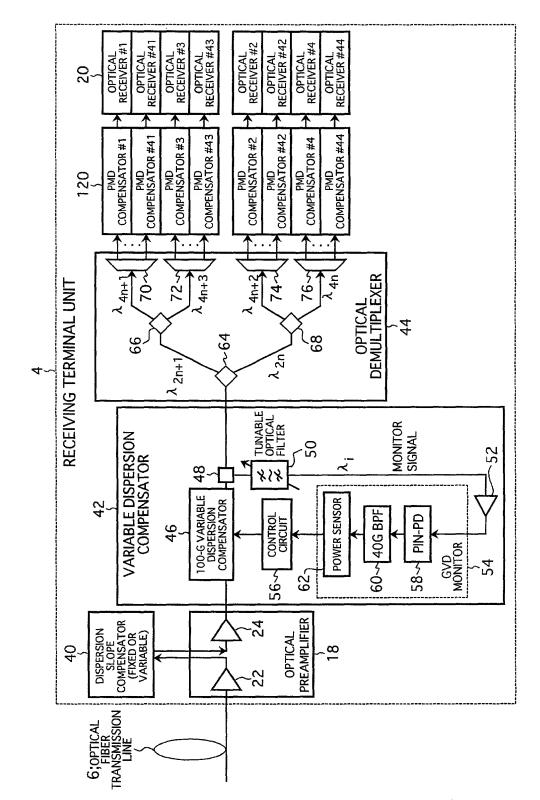


FIG. 19

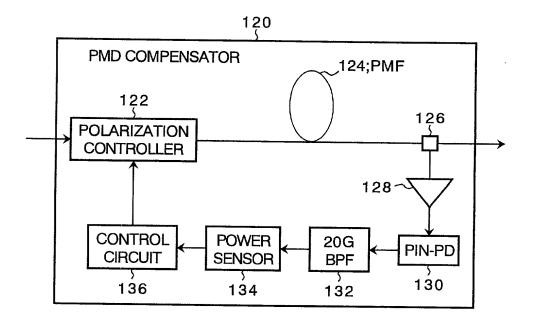
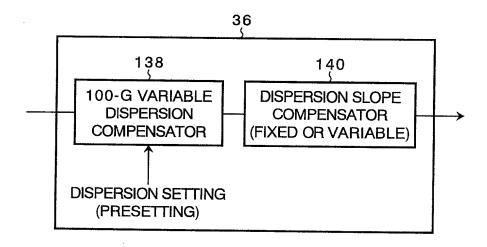
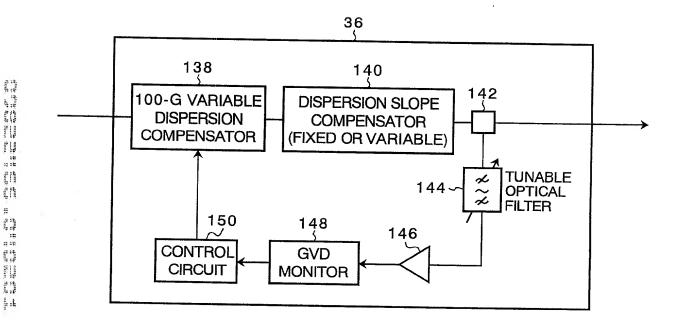
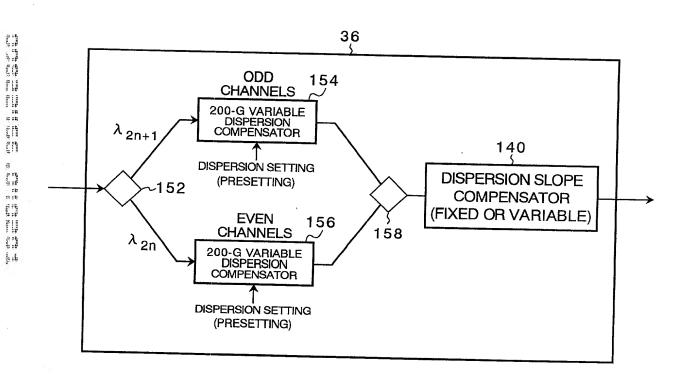


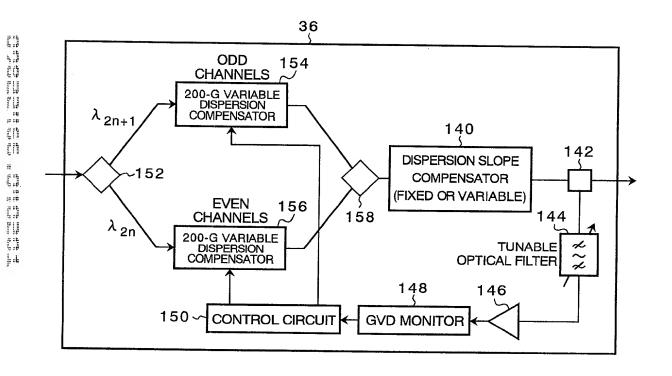
FIG. 20



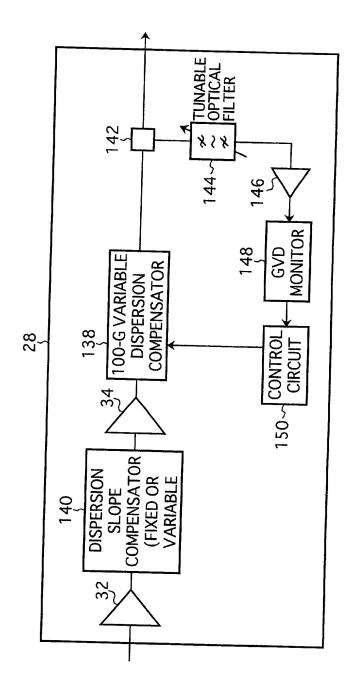




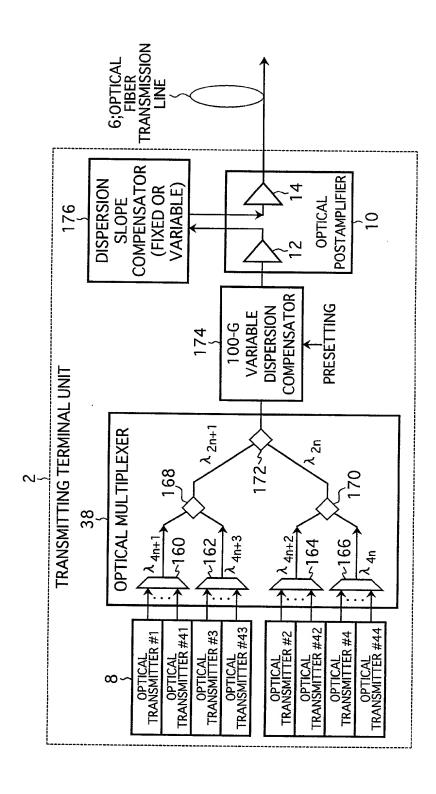
F I G. 23



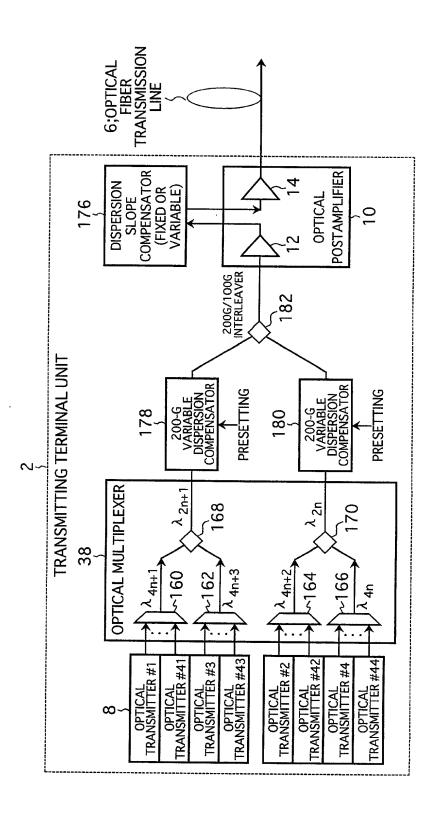
F I G. 24

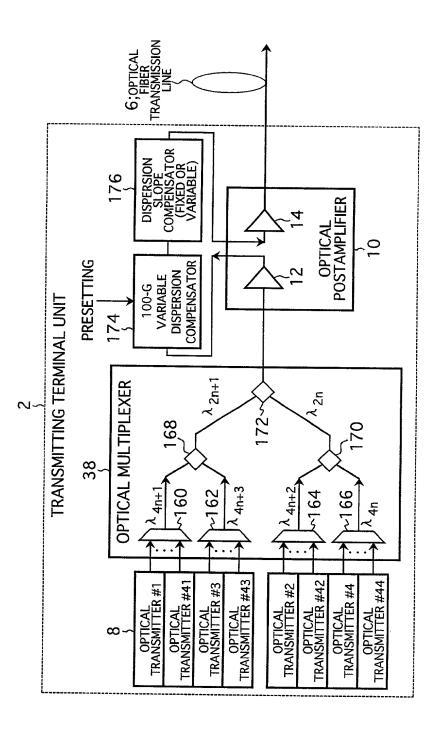


F | G | 25

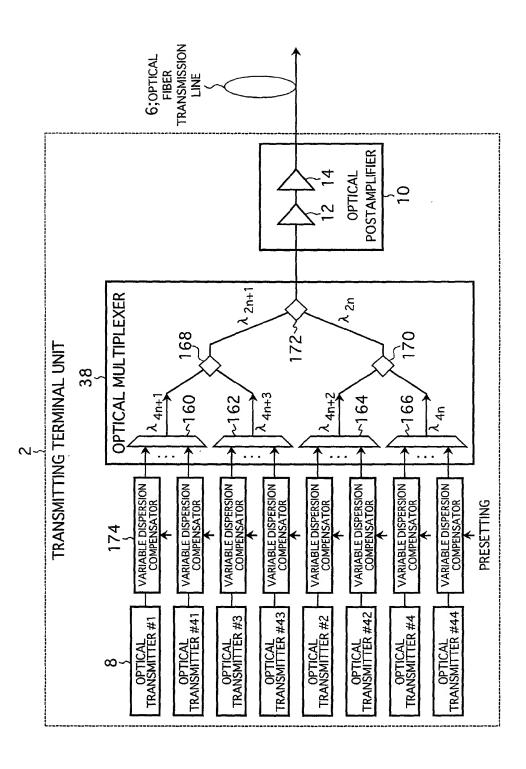


F I G. 26

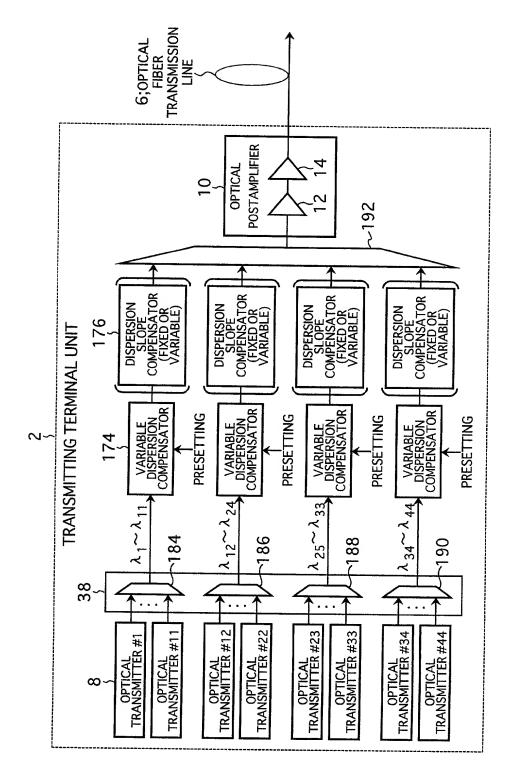




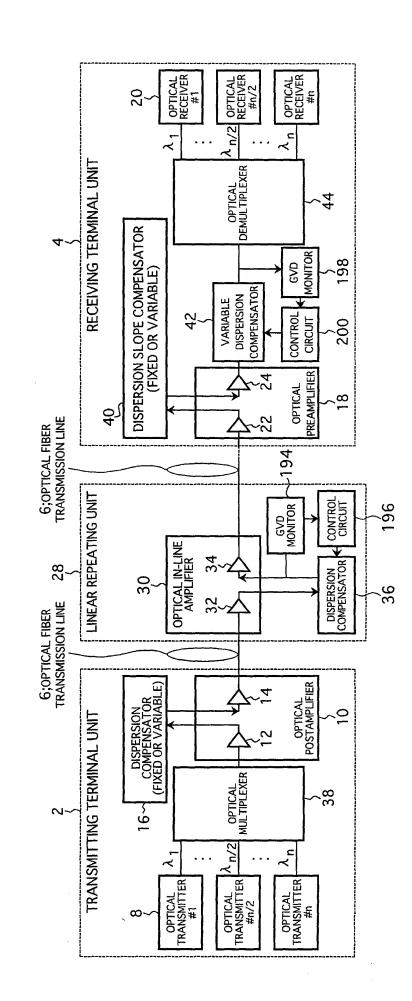
F | G. 28



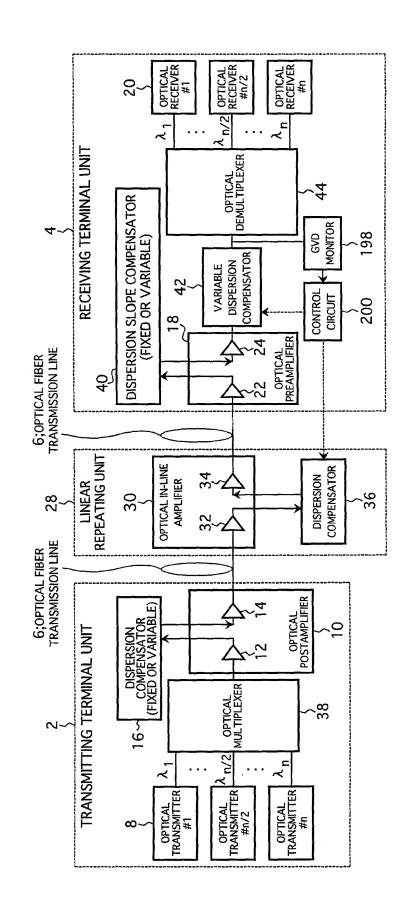
F | G. 29



F G 30



F G. 31



OPTICAL RECEIVER #42 OPTICAL RECEIVER #3 OPTICAL RECEIVER #43 OPTICAL RECEIVER #4 OPTICAL RECEIVER #44 OPTICAL RECEIVER #1 OPTICAL RECEIVER #41 OPTICAL RECEIVER #2 OPTICAL DEMULTIPLEXER 4n+31 A 4n+2 √4n+1 707 89 RECEIVING TERMINAL UNIT TUNABLE OPTICAL FILTER MONITOR SIGNAL MONITOR SIGNAL 42~ VARIABLE DISPERSION COMPENSATOR 100 100 ×5× 818 50 ₹ 52 ₹25 200-G VARIABLE DISPERSION COMPENSATOR 200-G VARIABLE DISPERSION COMPENSATOR 56~ CONTROL CIRCUIT 56 S CONTROL CIRCUIT POWER SENSOR 60~ 40G BPF 60~ 40G BPF 62 → POWER SENSOR 58~ PIN-PD 58~ PIN-PD GVD MONITOR **GVD MONITOR** λ_{2n+1} 62 98 ₩96 ^ 2n 94 546 DISPERSION SLOPE COMPENSATOR (FIXED OR VARIABLE) PREAMPLIFIER OPTICAL 4 3 6; OPTICAL FIBER TRANSMISSION LINE

